

Applications

Industry / Customer Group	General Manufacturing
Application	Tooling Machine
Country	Finland
Product	SM 3000
Variations	SM 8000

Application



Details

A cutting machine that has to cut pieces at 3 different places and with 2 different cutting tools.

With the non cylindrical wheel on the axis of the cutting tool, 3 different starting points are made by cutting out shapes in the mechanical wheel.

Each time the cut-out passes between a set of SM 3000 sensors, the cutting tool knows when to cut. The machine can also distinguish between cuts by having a second receiver mounted next to the first one. When one receiver is “free” the machine will cut with one tool and when both receivers are “free” the machine will cut with the secondary tool.

As it is a metal sheet machine, a standard inductive switch cannot be used because the metallic dust will form a layer on the sensor head and obstruct the detection. The Telco SM3000 series can have a lot of contamination on the sensor front, even magnetic dust, and the detection point remains very accurate, which means that reproducibility is very high.

Reference: TELCO 1103071038

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